

ABSTRACT OF THE DISCLOSURE

Heat in a reflow soldering may cause a reaction between the electrolyte liquid and the positive or negative pole active material to result in a rapid inflation or a burst in a battery. A non-aqueous electrolyte secondary battery of a high capacity adaptable to reflow soldering can be produced by employing a positive pole active material or a negative pole active material constituted of particles coated with an oil-repellent material.